



Green Building Trends

The Metropolitan Washington Council of
Governments

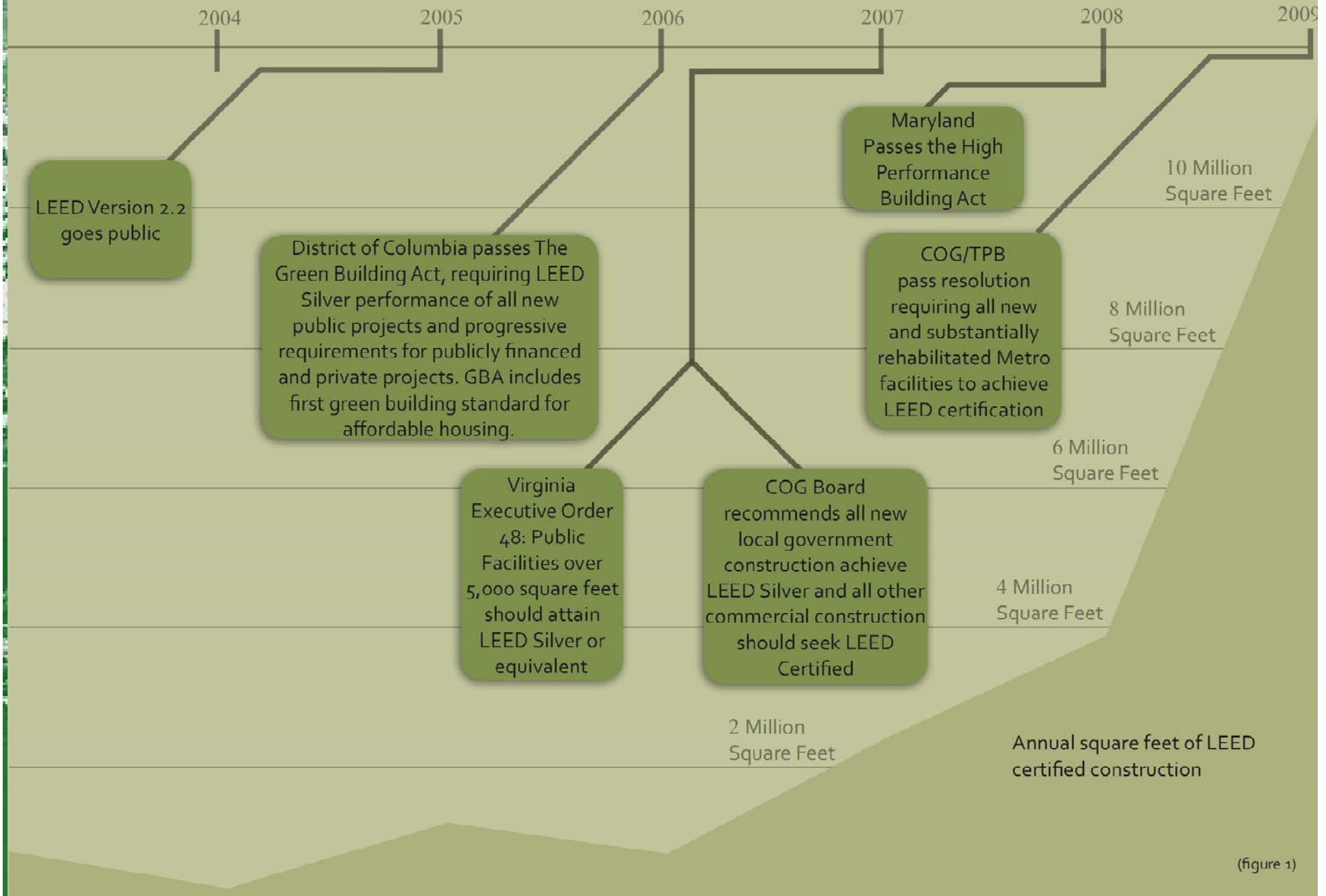
Presented to the
COG Board
April 13, 2011

Key Points

- **22.9** million Square Feet of Green Building from 2003-2009
- **86 %** of LEED construction from 2003-2009 was located in Regional Activity Centers
- **64 %** of all 2003–2009 LEED construction was within ½ mile of a Metrorail station

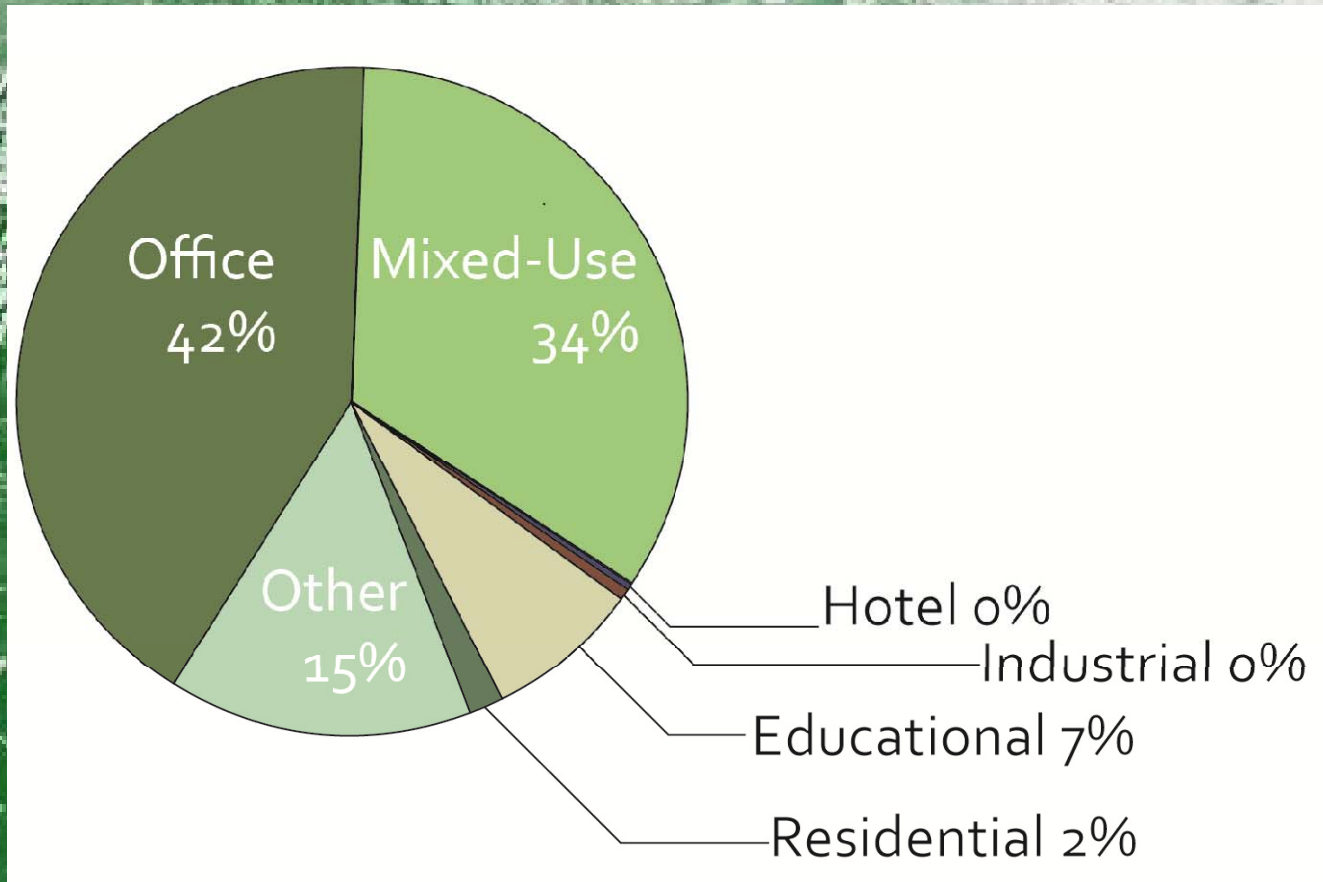


Regional Green Building



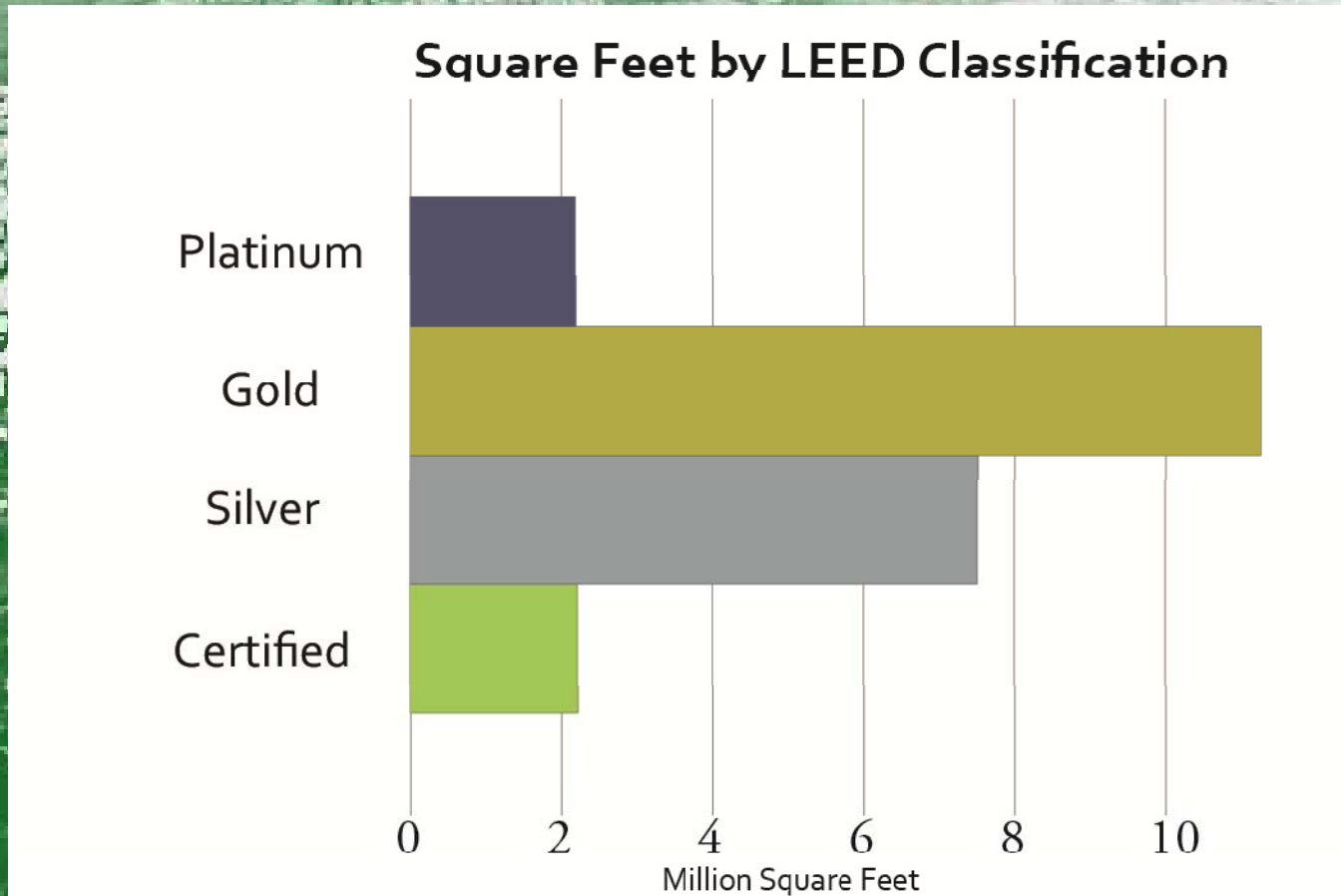
(figure 1)

Building Type



- Office and Mixed-Use buildings led LEED Certification
- LEED scoring criteria incentivizes infill projects that are in existing urban areas

LEED certification



- **84%** of LEED certified projects certified between 2003 and 2009 were LEED Silver or higher
- Gold and Silver certifications were most common in Metropolitan Washington

Total Square Feet of LEED certified Projects by Rating System

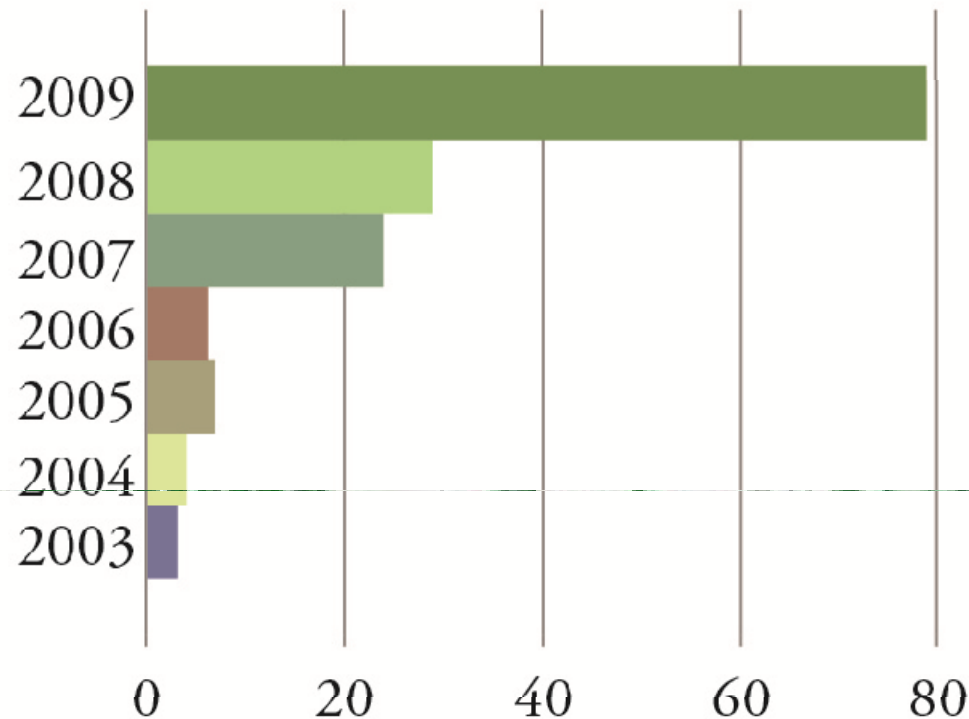


Number of LEED certified Projects by Rating System



Regional Activity Center Type

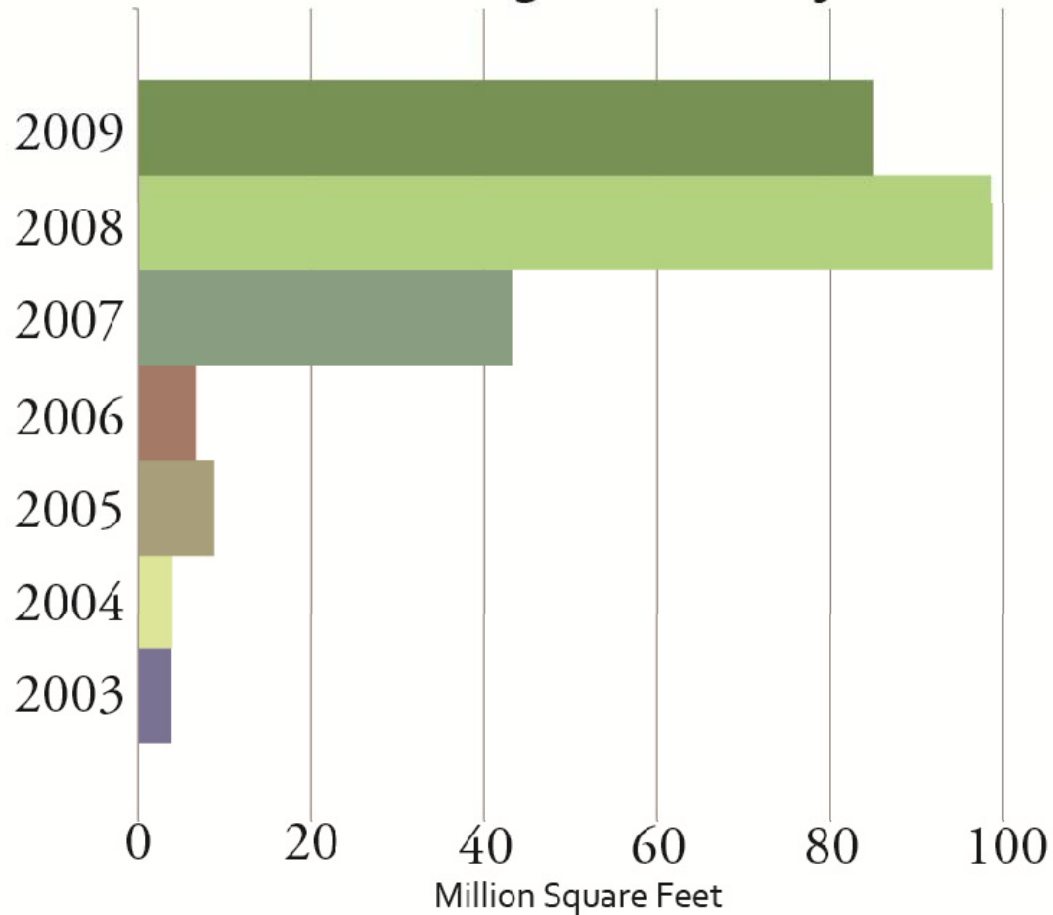
Total Number of Projects LEED Certified Per Year



- LEED certifications have grown much more common since 2007
- New rating systems have encouraged green building in smaller spaces

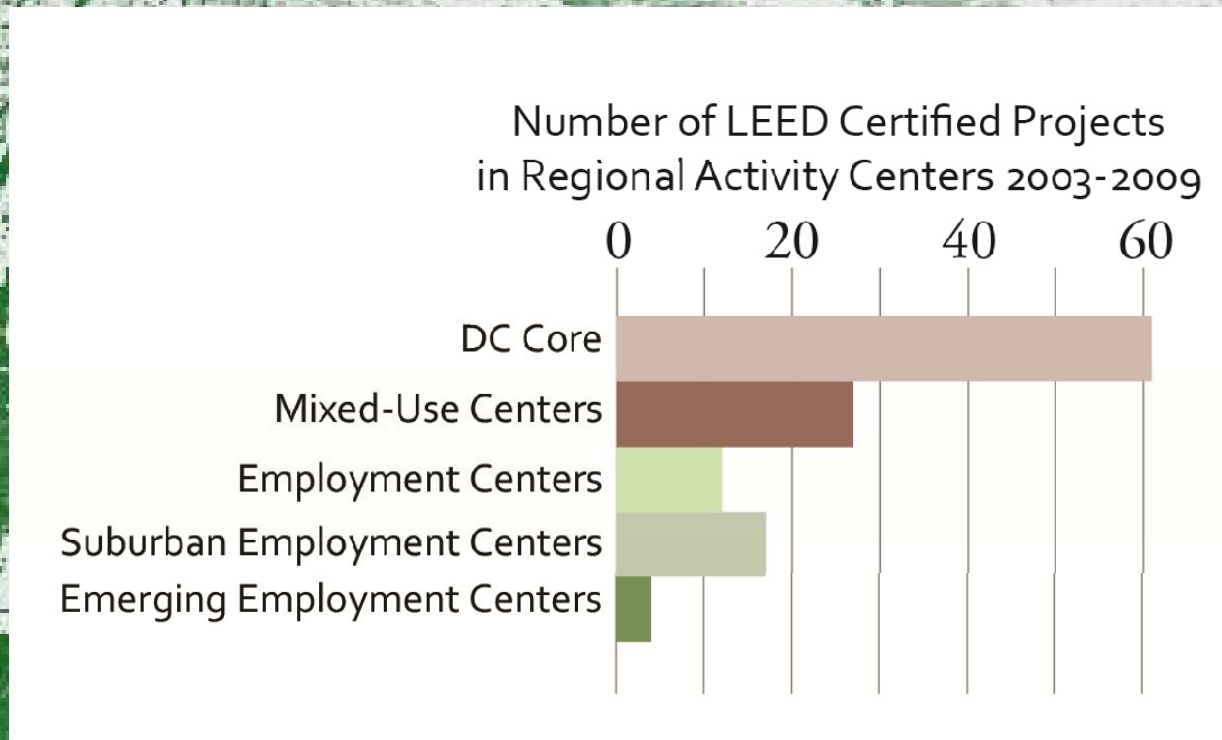
Regional Activity Center Type

Square Feet of LEED Registered Projects Per Year



- LEED registration rates have grown rapidly
- Registration is the first step for LEED certification

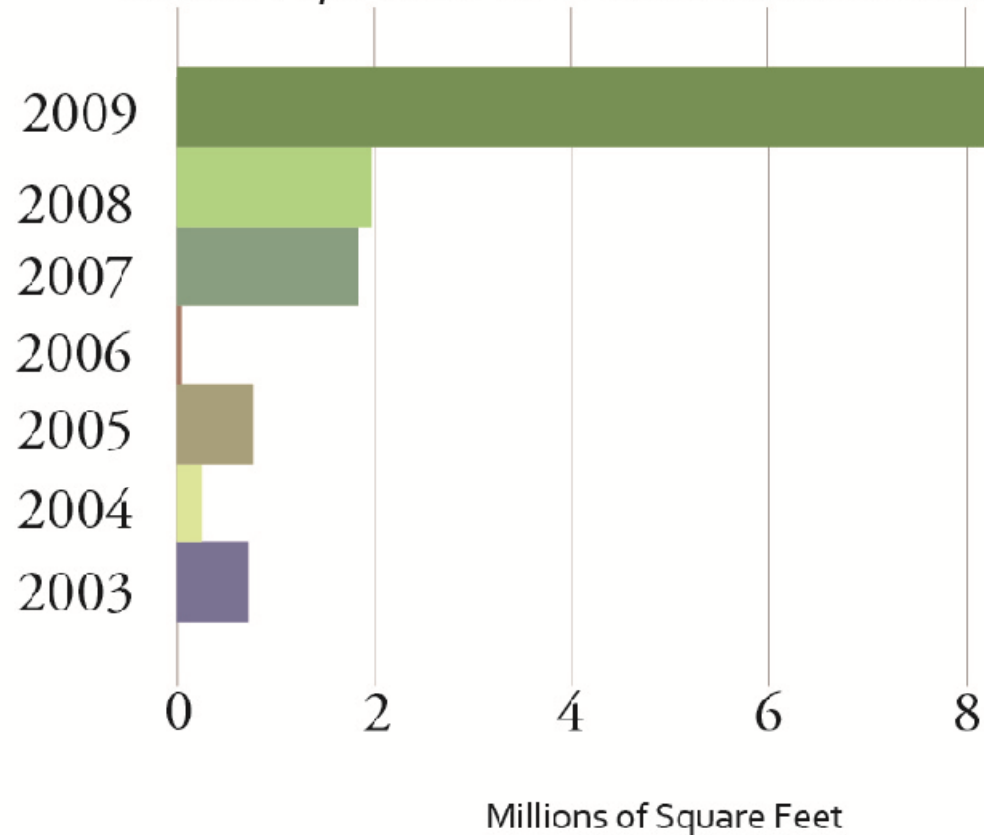
Regional Activity Center Type



- LEED certified projects are most common in DC core and Mixed-Use centers
- LEED projects tend to be located in well established commercial areas

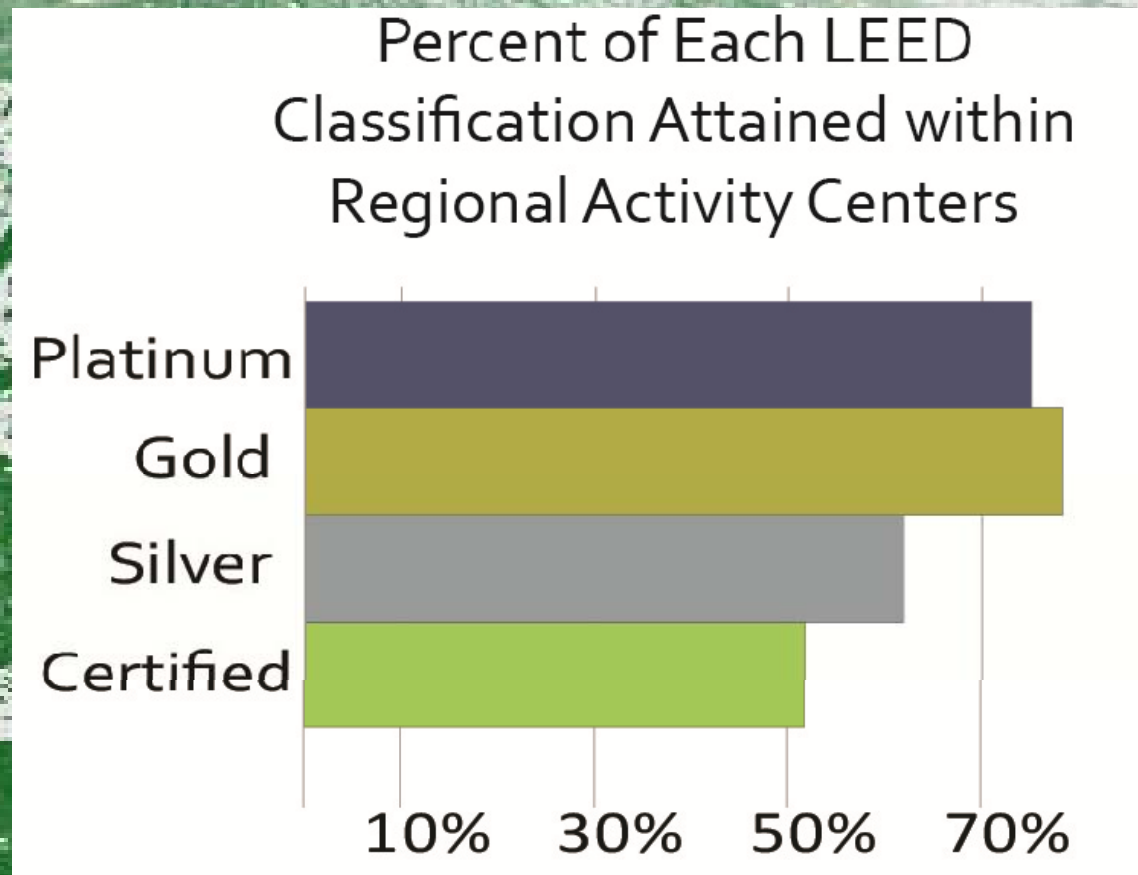
Sustainable Development

Total Square feet of LEED Certified Projects
Within 1/2 mile of a Metrorail Station

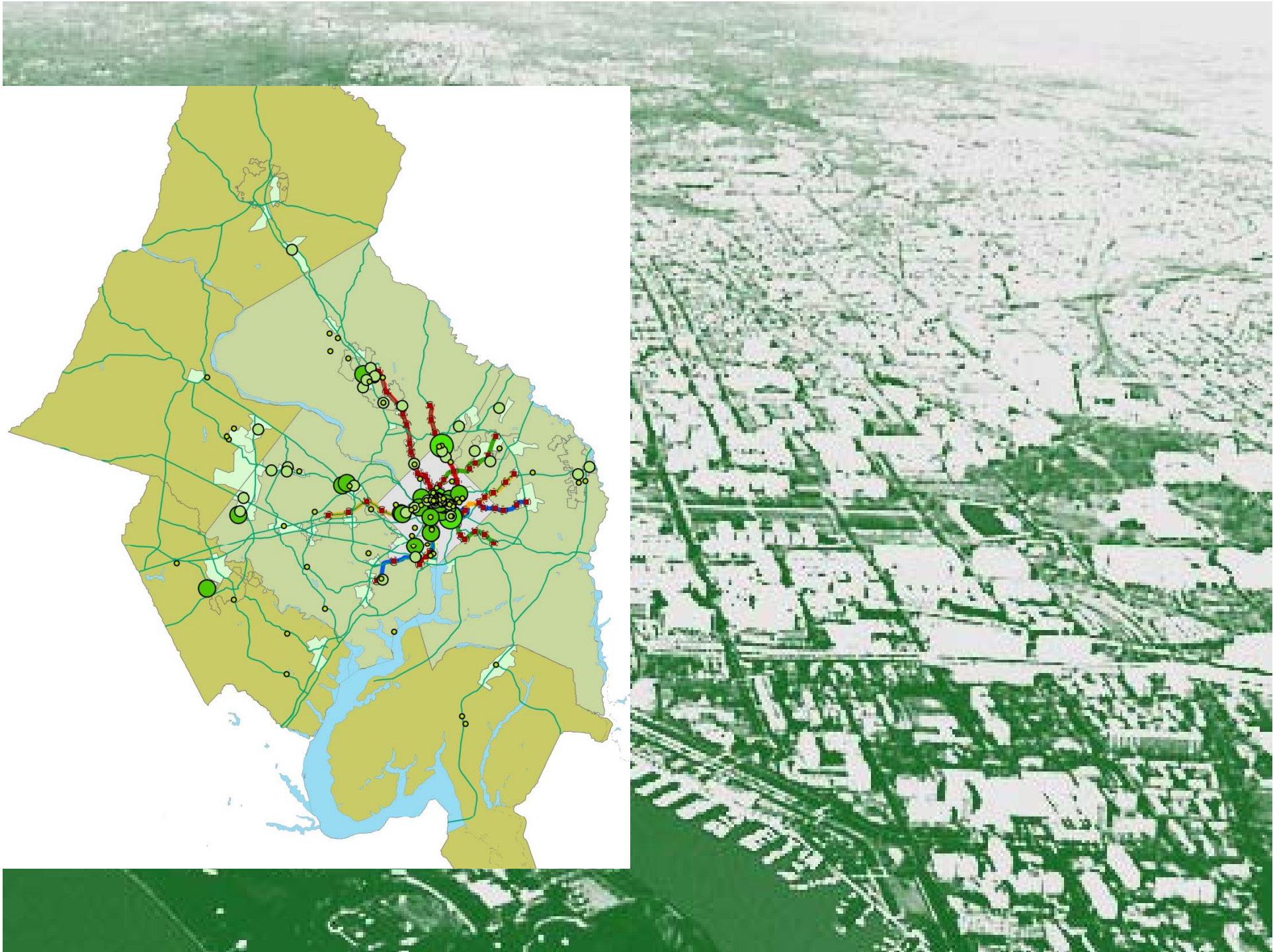


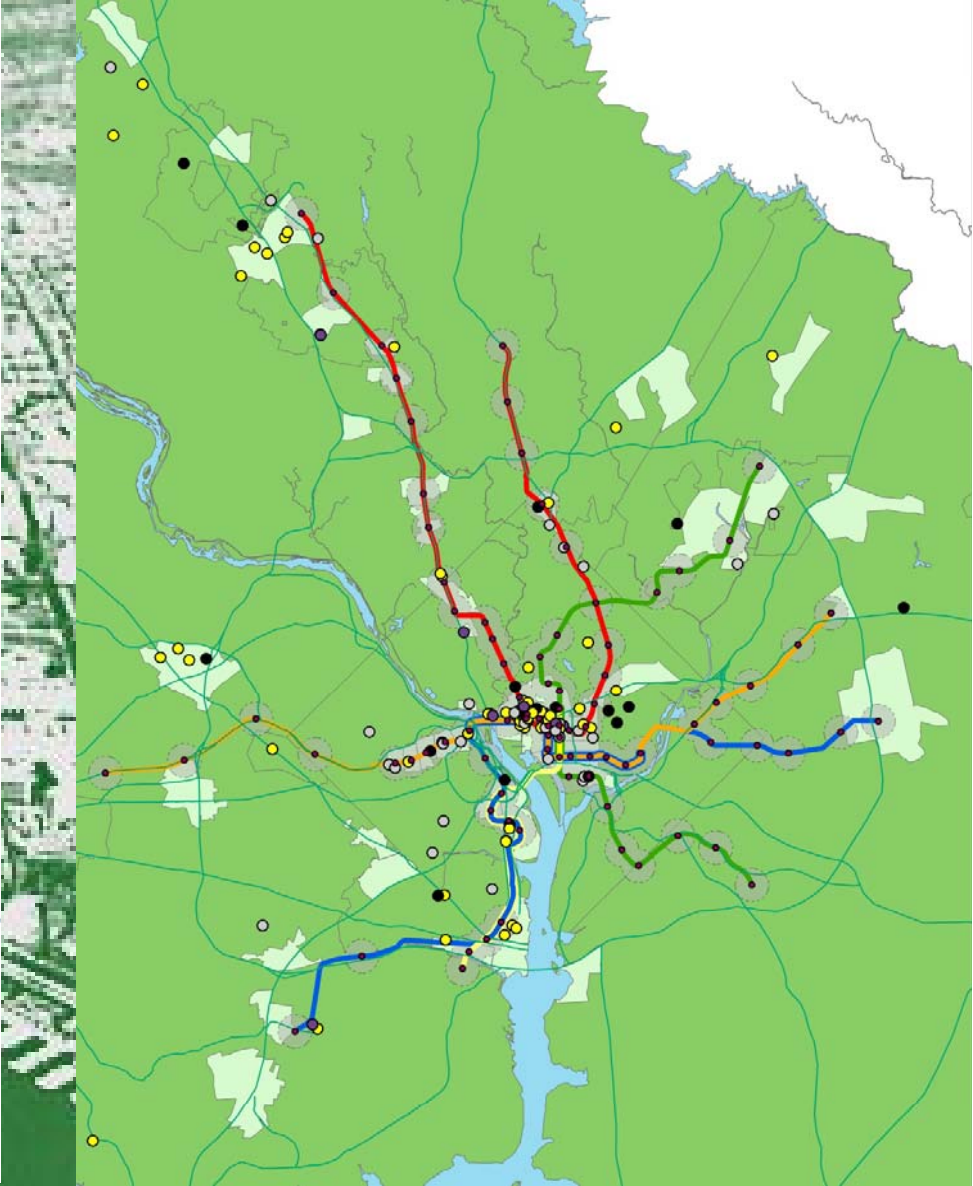
In recent years more LEED certified projects have been located within 1/2 mile of a Metrorail station

LEED certification



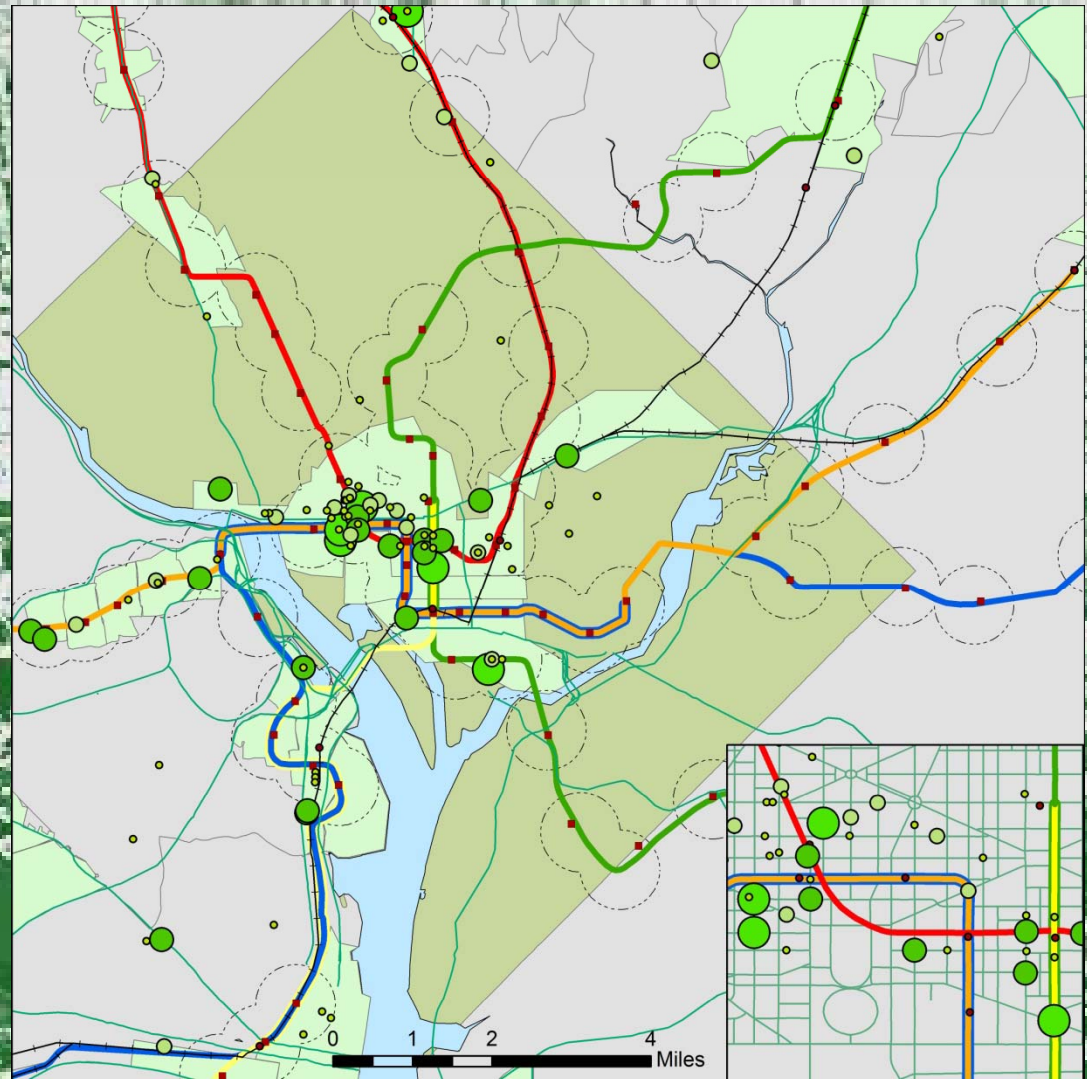
- **84%** of LEED certified projects certified between 2003 and 2009 were LEED Silver or higher
- Gold and Silver certifications were most common in Metropolitan Washington





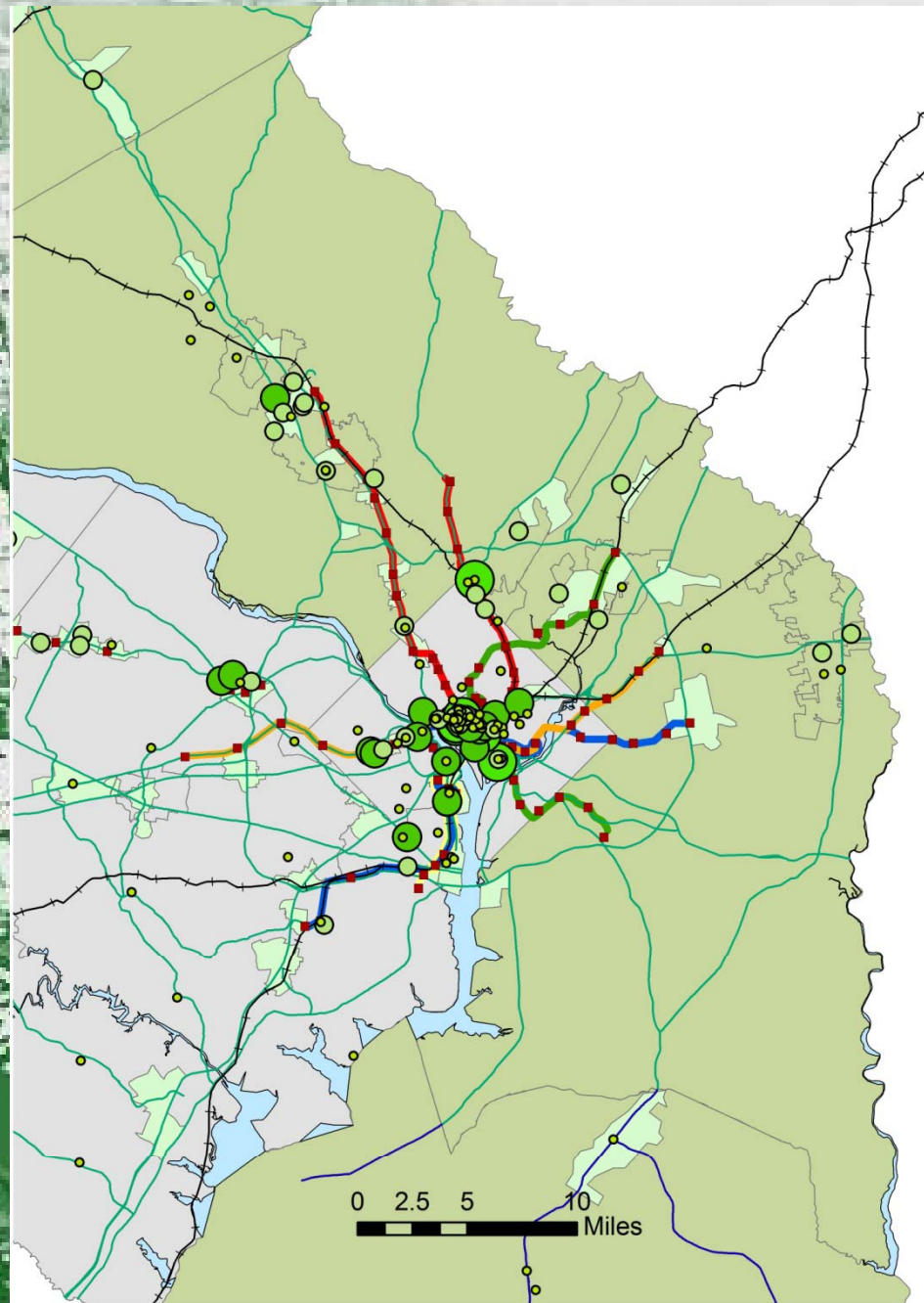
The District of Columbia

- 72 LEED certified projects
- 12.5 million square feet of LEED certified projects
- 64 Projects in Regional Activity Centers
- The International Monetary Fund Center was the largest project



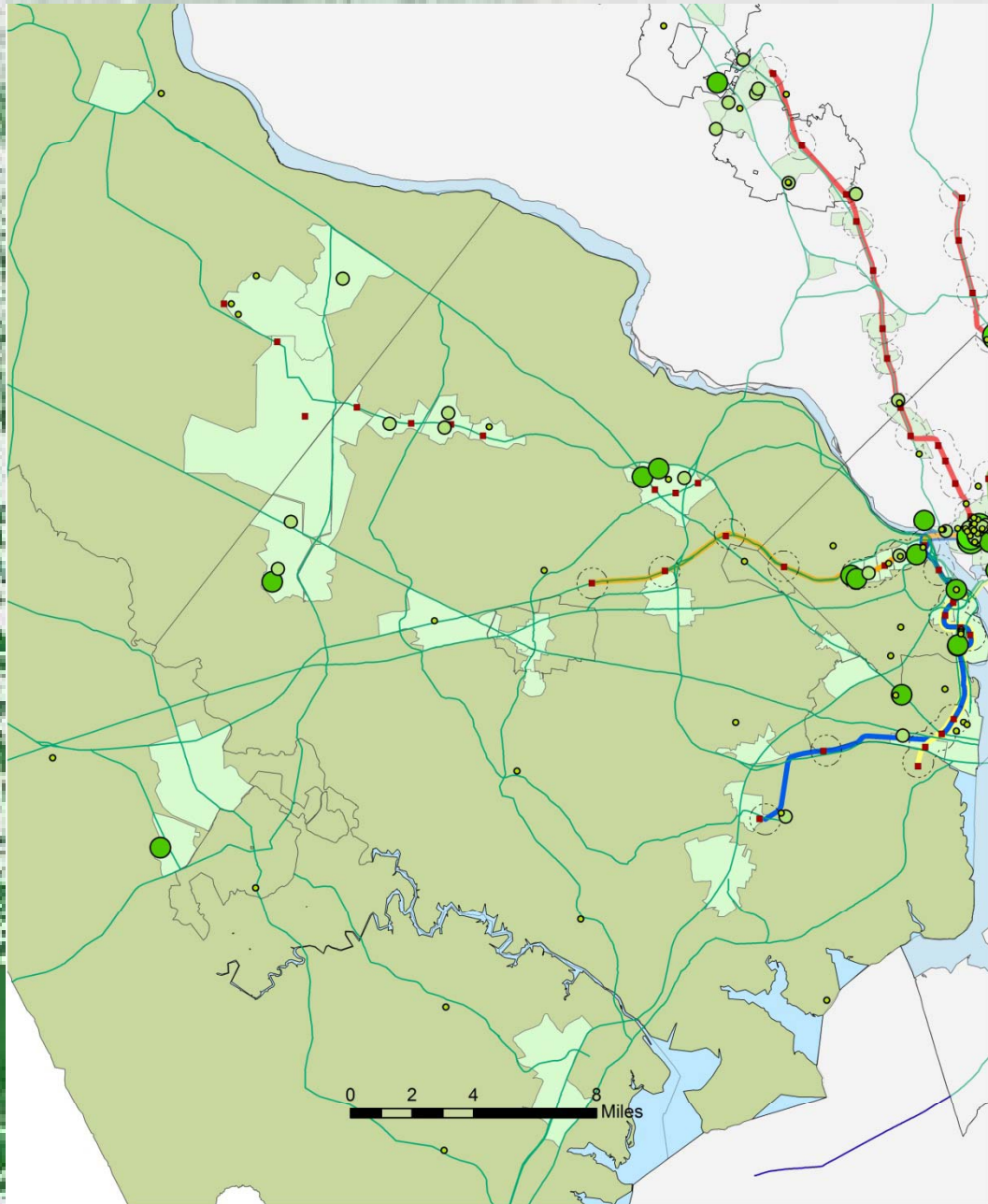
Maryland

- 40 LEED certified projects
- 3.8 million square feet of LEED certified projects
- 15 Projects in Regional Activity Centers
- The Discovery Communications Global Headquarters building was the largest project



Virginia

- 59 LEED certified projects
- 6.6 million square feet of LEED certified projects
- 41 Projects in Regional Activity Centers
- T.C. Williams High School was the largest project



An aerial photograph of a green field, possibly a golf course or agricultural land, with a dark grid overlay. The grid is composed of small squares and is centered over the text.

Questions?

A Report Completed by:
COG's Departments of Community Planning & Services and Environmental
Programs

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